

Comparisons of Job Characteristics

Focus Occupation: Pesticide Handlers, Sprayers, and Applicators, Vegetation (37-3012)
Associated Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

Compare Knowledge
 Compare Skills
 Compare Abilities
 Compare Detailed Work Activities
 Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 62

Focus Occupation: Pesticide Handlers, Sprayers, and Applicators, Vegetation (37-3012)

Associated Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Production and Processing	6.0	6.8	5.6	< Expanded education and/or training may be required
Food Production	2.1	5.0	2.4	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: Pesticide Handlers, Sprayers, and Applicators, Vegetation (37-3012)

Associated Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	7.9	8.2	0 Current skill level may be sufficient
Equipment Maintenance	3.5	4.9	6.2	> Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 77

Focus Occupation: Pesticide Handlers, Sprayers, and Applicators, Vegetation (37-3012)

Associated Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	10.6	10.1	0	Current ability level may be sufficient
Multilimb Coordination	6.0	10.3	9.1	<	Some improvement in abilities may be required
Static Strength	5.0	10.0	7.9	<	Some improvement in abilities may be required
Trunk Strength	5.7	10.0	7.2	<<	Extensive improvement in abilities may be required
Extent Flexibility	4.8	9.0	4.3	<<	Extensive improvement in abilities may be required
Stamina	4.0	7.8	5.8	<<	Extensive improvement in abilities may be required
Dynamic Strength	3.5	7.4	4.0	<<	Extensive improvement in abilities may be required
Speed of Limb Movement	3.2	6.2	3.8	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	5.9	3.1	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 95

Focus Occupation: Pesticide Handlers, Sprayers, and Applicators, Vegetation (37-3012)
Associated Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

Work Activities	Exclusivity of Activity
Move or fit heavy objects	8
Operate agricultural equipment or machinery	81
Use hand or power tools	2
Use herbicides, fertilizers, pesticides or related products	71
Use plant disease control techniques	75
Use portable hand spray equipment	82

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Pesticide Handlers, Sprayers, and Applicators, Vegetation (37-3012)
Associated Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.